

Special Issue

Lithium-Ion Batteries: Latest Advances and Prospects

Message from the Guest Editor

Lithium-ion batteries (LIBs), as a key part of the 2019 Nobel Prize in Chemistry, have become increasingly important in recent years, owing to their potential impact on building a more sustainable future. Compared with other developed batteries, LIBs offer high energy density, high discharge power, and long service life. These characteristics have facilitated a remarkable advance of LIBs in many frontiers, including electric vehicles, portable and flexible electronics, and stationary applications. Since the field of LIBs is advancing rapidly and attracting an increasing number of researchers, it is necessary to often provide the community with the latest updates. Therefore, this Special Issue was designed to focus on updating the electrochemical community with the latest advances and prospects on various aspects of LIBs. Researchers are invited to submit their original research as well as review/perspective articles for publication in this Special Issue.

Guest Editor

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